| Index of Claims                          | Application No |
|--|----------------|
| \$ 1881   68  B 181  E (61   88  61  188 | 09/901,121     |
|  | Examiner       |
| !  | Nelson Yang    |

Applicant(s) CHU, WEI-SING
Art Unit 1641

| 1 | Rejected |
|---|----------|
| = | Allowed  |

| _ | (Through num ral)<br>Cancell d |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elect d  |
|---|--------------|
| 1 | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

|          |  |            | _        |          | _  |  | ,  | ,        | _        | _                 |  |  |  |
|----------|--|------------|----------|----------|--|--|--|----------|----------|-------------------|--|--|--|
| Cia      | im   | Date       |          |          |  |  |  |          |          |                   |  |  |  |
| Final    | Original   | 4/15/04    | 1/6/05   |          |  |  |  |          |          |                   |  |  |  |
|          | 1  | -          |          |          |  |  |  |          |          |                   |  |  |  |
|          | 2  | -          |          |          |  |  |  |          |          |                   |  |  |  |
|          | 3  | •          |          | Г        |  |  |  |          |          |                   |  |  |  |
|          | 4  | -          |          |          |  |  |  |          |          |                   |  |  |  |
|          | 1<br>2<br>3<br>4<br>5<br>6                                     | •          |          |          |  |  |  |          |          |                   |  |  |  |
|          | 6  | -          |          |          |  |  |  |          |          |                   |  |  |  |
|          | 7  | Ŀ          |          |          |  | L  |  |          |          |                   |  |  |  |
|          | 8<br>9   | -          |          | _        |  | L  |  |          |          |                   |  |  |  |
|          | 9  | Ŀ          | _        | _        | <u> </u>   | <u> </u>   | _  |          |          |                   |  |  |  |
|          | 10   | -          |          | <u> </u> | <u> </u>   | <u> </u>   |  |          |          |                   |  |  |  |
|          | 11   | -          | _        |          | _  | <u> </u>   |  | L        |          | $\perp$           |  |  |  |
|          | 12   | -          |          | -        |  |  | ⊢  |          |          |                   |  |  |  |
|          | 11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21 | <u> </u>   | -        | -        | ┝  | $\vdash$   | $\vdash$   | $\vdash$ | $\vdash$ | $\vdash$          |  |  |  |
|          | 15   | -          | -        | ╁        | ┝  | -  | -  | $\vdash$ |          | -                 |  |  |  |
|          | 16   | <u> </u>   |          |          | $\vdash$   |  | -  |          |          | $\vdash$          |  |  |  |
|          | 17   | -          | $\vdash$ | -        | -  |  | -  |          |          |                   |  |  |  |
|          | 18   | -          | $\vdash$ | ╁一       | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$ | -        | -                 |  |  |  |
|          | 19   | -          | ├        | H        | H  | H  | -  |          |          |                   |  |  |  |
|          | 20   | -          | ┢        | ╁╌       | ┢  | ┢  | $\vdash$   |          |          |                   |  |  |  |
|          | 21   | -          | $\vdash$ | ┢        | $\vdash$   | $\vdash$   |  | -        |          |                   |  |  |  |
|          | 22   | -          | $\vdash$ | ╁        | <del>                                     </del> |  | Ħ  | Г        |          |                   |  |  |  |
|          | 23   | -          |          | $\vdash$ |  | $\vdash$   | _  | I        |          |                   |  |  |  |
|          | 23<br>24   | -          | -        |          |  |  |  |          |          |                   |  |  |  |
|          | 25   | -          |          |          |  |  |  |          |          |                   |  |  |  |
|          | 26   | -          |          |          |  |  |  |          |          |                   |  |  |  |
| L        | 27   | Ŀ          |          |          |  |  | _  | Ŀ        |          |                   |  |  |  |
|          | 28<br>29<br>30   | <u>  -</u> |          |          |  |  |  |          |          |                   |  |  |  |
|          | 29   | <u> </u> - |          | _        | <u> </u>   |  | _  | L        |          |                   |  |  |  |
|          | 30   | Ŀ          | _        | <u> </u> | _  |  |  | <u> </u> |          |                   |  |  |  |
|          | 31<br>32   | Ŀ          |          | <u> </u> | <u> </u>   |  | <u> </u>   | <u> </u> | <u> </u> | _                 |  |  |  |
|          | 32   | Ŀ          | _        | <u> </u> |  |  | -  | <u> </u> |          | _                 |  |  |  |
|          | 33   | Ŀ          | -        | ⊢        | ⊢  | ⊢  |  | -        | ├        | _                 |  |  |  |
|          | 33<br>34<br>35   | <u> </u> - | ┝┈       | ├-       | -  | ⊢  | -  | ┝        | ┝        | H                 |  |  |  |
|          | 36   | Ė          | ┝        | ├        |  |  |  | $\vdash$ | ⊢        | -                 |  |  |  |
|          | 36<br>37<br>38   | H          | ┝        | ┞        | -  | $\vdash$   | <del>                                     </del> | $\vdash$ | $\vdash$ |                   |  |  |  |
| _        | 38   | v          | v        | ╁        | -  | $\vdash$   |  | $\vdash$ | $\vdash$ |                   |  |  |  |
|          | 39   | v          | V        | $\vdash$ | ┰  | ┢  | _  |          | ┢        |                   |  |  |  |
|          | 40   | v          | ٧        | ╁        | ┢  | <del>                                     </del> | <del>                                     </del> |          |          | $\vdash$          |  |  |  |
|          | 41   | v          | v        | $\vdash$ | Т  | 1  |  | <b>-</b> |          |                   |  |  |  |
|          | 42   | v          | v        |          |  |  |  |          |          |                   |  |  |  |
| Ľ.       | 43   | v          | ٧        |          |  |  |  |          |          |                   |  |  |  |
|          | 44   | v          | ٧        |          |  |  |  |          |          |                   |  |  |  |
|          | 45   | ٧          | ٧        | $\Box$   |  |  | 匚  |          |          | $\Box$            |  |  |  |
|          | 46   | ٧          | ٧        | ┕        | 匚  | L  | Ļ  | _        | L.       | L                 |  |  |  |
|          | 47   | ٧          | ٧        | <u> </u> | <u> </u>   | <u> </u>   | <u> </u>   | <u> </u> | <u> </u> | <u> </u>          |  |  |  |
|          | 48   | ٧          | ٧        | ļ_       | <u> </u>   | <u> </u>   | _  | <u> </u> | <u> </u> | ldash             |  |  |  |
| <u> </u> | 49   | v          | V        | $\vdash$ | <u> </u>   | <u> </u>   | <u> </u>   | <u> </u> | <u> </u> | $ldsymbol{f eta}$ |  |  |  |
| ł        | 1 50   |            |          |          |  |  |  |          |          |                   |  |  |  |

| aim      |               |  |                   | [  | Date            |              |          |  |          |     | Cla   | im       |            |  |          | -            | Date   | •        |  |  |          |
|----------|---------------|--|-------------------|--|-----------------|--------------|----------|--|----------|-----|-------|----------|------------|--|----------|--------------|--|----------|--|--|----------|
| Original | 4/15/04       | 1/6/05   |                   |  |                 |              |          |  |          |     | Final | Original | 4/15/04    | 1/6/05   |          |              |  |          |  |  |          |
| Ō        | 4             |  |                   |  |                 |              |          |  |          |     |       |          | 4          | Ī  |          |              |  |          |  |  |          |
| 1        | -             |  |                   |  |                 |              |          |  |          |     |       | 51       | ٧          | <  |          |              |  |          |  |  |          |
| 2        | +-            | Н  | _                 |  |                 |              |          |  |          |     |       | 52       | ٧          | ٧  |          |              |  |          |  |  |          |
| 3        | +-            | $\vdash$   |                   |  | _               | _            | _        |  | ├─       |     |       | 53<br>54 | <b>v</b>   | <b>&gt;</b>                                      | Н        |              | H  | -        | H  |  |          |
| 5        | 1-            |  |                   |  | _               | $\vdash$     |          |  |          |     |       | 55       | v          | v  | Н        |              | $\vdash$   |          | $\vdash$   |  | _        |
| 6        | †-            |  |                   |  |                 | П            |          |  |          |     |       | 56       | v          | v  |          |              |  |          |  |  |          |
| 7        | -             |  |                   |  |                 |              |          |  |          |     |       | 57       | >          | ٧  |          |              |  |          |  |  |          |
| 8        | -             |  |                   |  |                 |              |          |  |          | . 1 |       | 58       | v          | ٧  |          |              |  |          |  |  | Щ        |
| 9        | <u>   -</u>   | <u> </u>   |                   | _  | _               | _            |          | _  | <u> </u> |     |       | 59       | -          |  | Щ        |              | $\vdash$   | _        |  |  | $\dashv$ |
| 10<br>11 | <del> -</del> | H  |                   |  | -               |              |          | _  | _        |     |       | 60<br>61 | :          |  | Н        |              | ┝  | $\vdash$ |  | _  | $\dashv$ |
| 12       | +-            |  | _                 |  | _               | <del> </del> | _        |  | $\vdash$ |     |       | 62       | v<br>-     | >  |          |              | -  | <u> </u> | _  |  | $\dashv$ |
| 13       |               |  |                   | -  |                 | $\vdash$     |          | $\vdash$                                     | H        |     |       | 63       | -          |  |          | _            | $\vdash$   | $\vdash$ |  | <u> </u>   | $\dashv$ |
| 14       | †-            |  |                   |  |                 |              |          |  | <u> </u> | 1   |       | 64       | v          | $\overline{v}$                                   |          | _            | <u> </u>   |          | <u> </u>   | Г  | $\Box$   |
| 15       | Π-            |  |                   |  |                 |              |          |  | Г        |     |       | 65       | v          | v  |          |              |  |          |  |  |          |
| 16       | 7-            |  |                   |  |                 |              |          |  |          | ].  |       | 66       | v          | V  |          |              |  |          |  |  |          |
| 17       |               |  |                   |  | _               |              |          | _  | _        |     |       | 67       | ٧          | ٧  |          |              |  | _        | _  | <u> </u>   |          |
| 18       | <u> </u>      | L.   |                   |  | L               | <u> </u>     |          | <u> </u>                                     | <u> </u> |     |       | 68       | ٧          | ٧  |          |              | <u> </u>   | <u> </u> | ļ  | <u> </u>   |          |
| 19       | +-            | <u> </u>   | _                 | <u> </u>   | <u> </u>        | L            |          |  | <u> </u> |     |       | 69       | V          | <u> </u>   | _        |              | -  |          | <u> </u>   | <u> </u>   | $\dashv$ |
| 20       | +-            | ├-   | <del> </del>      | <u> </u>   | ⊢               |              |          |  | -        |     | -     | 70<br>71 | -          | ⊢  |          |              |  | -        | -  | ┝  | -        |
| 22       | -             | ⊢  | ├─                |  | $\vdash$        | -            |          |  | -        | {   |       | 72       | ŀ÷         |  | -        | -            | <del> </del>                                     |          | $\vdash$   | -  | $\dashv$ |
| 23       | +             | $\vdash$   | $\vdash$          | $\vdash$   | $\vdash$        | -            | $\vdash$ |  | ┪        | 1   |       | 73       | -          | -  |          |              |  |          | H  | $\vdash$   | Н        |
| 24       | 1-            | Ι  | -                 | <u> </u>   |                 |              |          |  | T        | 1   |       | 74       | -          |  |          |              |  |          | $\vdash$   | _  | П        |
| 24<br>25 | 1-            |  |                   |  |                 |              |          |  |          | 1   |       | 75       | -          |  |          |              |  |          |  |  |          |
| 26       | -             |  |                   |  |                 |              |          |  |          |     |       | 76       | -          |  |          |              |  |          |  |  |          |
| 27       | -             | <u> </u>   |                   | $ldsymbol{ld}}}}}}$ | _               |              | Ŀ        |  |          |     |       | 77       | <u> </u> - | L  |          |              | L  |          |  |  |          |
| 28       | +             | <u> </u>   | <u> </u>          | _  |                 | ļ            | _        | _  | L        |     |       | 78       | Ŀ          | _  | _        | _            |  | _        | _  |  | Н        |
| 30       | -             | ⊢  | <del> </del>      |  | -               | ⊢            | ┝        | -  | -        |     |       | 79<br>80 | -          | $\vdash$   | H        | _            | ⊢  | $\vdash$ | ├  | ⊢  | Н        |
| 31       | +             | ⊢  | $\vdash$          | ┝  | -               | -            | _        | H  |          |     |       | 81       | -          | -  | -        | ⊢            | ⊢  | ⊢        | ┢  | -  | Н        |
| 32       | +             | ╁  | <del> </del>      | ├─   |                 | $\vdash$     | $\vdash$ |  | ┢        |     |       | 82       | -          | <del> </del>                                     |          |              |  | $\vdash$ | <del>                                     </del> | <del>                                     </del> | $\vdash$ |
| 33       | 1-            | T  | -                 | _  | <u> </u>        |              |          |  | <u> </u> |     |       | 83       | -          | <del>                                     </del> | 1        |              |  | Г        | T  |  |          |
| 34       | -             |  |                   |  |                 |              |          |  |          |     |       | 84       | -          |  | Г        |              |  |          |  |  |          |
| 35       | -             |  |                   |  |                 |              |          | $\Box$                                       | 匚        |     |       | 85       | ·          | 匚  |          |              |  |          |  |  | Ш        |
| 36       | 1-            | <u> </u>   | _                 | _  | $oxed{igspace}$ |              |          | <u> </u>                                     | _        |     |       | 86       | <u>-</u>   | _  | <u> </u> |              | <u> </u>   | <u> </u> | _  | _  | Ш        |
| 37       | 1-            | <del>                                     </del> | -                 | ļ  | $\vdash$        | _            | $\vdash$ | $\vdash$                                     | $\vdash$ |     |       | 87       | <u> </u>   | -  | $\vdash$ | _            | ├-   | ├        |  | -  | $\vdash$ |
| 38       | V             | V<br>V   | $\vdash$          | -  | -               | ⊢            | $\vdash$ | <del> </del>                                 | ⊢        |     |       | 88<br>89 | -          | -  | ļ        | $\vdash$     | H  | $\vdash$ | -  | _  | H        |
| 40       |               | V  | ├─                | ┝─   |                 | ┝            | $\vdash$ | $\vdash$                                     | ┢        | 1   |       | 90       | -          |  | -        | ┝            | -  | $\vdash$ |  | $\vdash$   | Н        |
| 41       |               | İ  | ┢                 |  | -               | 1            | <u> </u> | H  | t        | 1   |       | 91       | -          |  | -        | <del> </del> | <del>                                     </del> | <u> </u> |  | ┢  | П        |
| 42       |               | v  |                   |  |                 |              | Т        | Τ  | П        | 1   |       | 92       | Г          |  | $\vdash$ | $\vdash$     | $\vdash$   | $\vdash$ | $\vdash$   | Г  | П        |
| 43       | v             | v  |                   |  |                 |              |          |  |          | ]   |       | 93       |            |  |          |              |  |          |  |  |          |
| 44       |               | ٧  |                   |  |                 |              |          |  | $\Box$   |     |       | 94       |            | Ĺ  |          |              |  |          |  |  |          |
| 45       |               | v  | $ldsymbol{f eta}$ | $ldsymbol{ldsymbol{ldsymbol{eta}}}$  | <u> </u>        | <u> </u>     |          | L  | <u> </u> |     |       | 95       | _          | _  | <u> </u> | L            | <u> </u>   |          | _  | _  | Ш        |
| 46       |               | V  | ldash             | $ldsymbol{ldsymbol{eta}}$  | ├_              | <b>├</b>     | <u> </u> | <u> </u>                                     | ┞-       |     |       | 96       | <u> </u>   | <u> </u>   | <u> </u> | ldash        | ļ  | <u> </u> | <u> </u>   | _  | Щ        |
| 47       |               | V  |                   |  | ├-              | ⊢            | <u> </u> | ⊢  | ├-       | {   | -     | 97       | $\vdash$   | <u> </u>   | -        | $\vdash$     | $\vdash$   | -        | -  | -  | $\vdash$ |
| 49       |               | V  | -                 | -  | $\vdash$        | $\vdash$     | $\vdash$ | $\vdash$                                     | $\vdash$ | 1   |       | 98<br>99 | $\vdash$   | $\vdash$   | $\vdash$ | $\vdash$     | ⊢  | $\vdash$ | $\vdash$   | -  | $\vdash$ |
| 50       |               | v  | $\vdash$          | $\vdash$   | $\vdash$        | $\vdash$     | -        | -  | $\vdash$ | ł   |       | 100      | $\vdash$   | $\vdash$   | $\vdash$ | $\vdash$     | $\vdash$   | $\vdash$ | t  | _  | $\vdash$ |
| 100      |               | <u> </u>   |                   | Ь  | <b>-</b>        | ш.           |          | <u>.                                    </u> | Щ.       | J   |       |          |            |  | Ц.       | Ц            |  |          | <u> </u>   | Щ  |          |

| Cl    | aim  | Date         |                                |              |   |          |              |          |          |                 |
|-------|--|--------------|--------------------------------|--------------|---|----------|--------------|----------|----------|-----------------|
| Cit   |  |              |                                |              | _   | Jak      |              |          |          | -               |
| Final | Original   |              |                                |              |   |          |              |          |          |                 |
|       | 101  |              |                                |              |   |          |              |          |          |                 |
|       | 102  |              |                                |              |   |          |              |          |          |                 |
|       | 103<br>104<br>105                                    |              |                                |              |   |          |              |          |          | Щ               |
|       | 104  |              |                                |              |   |          |              |          |          | Щ               |
|       | 105  |              |                                |              |   |          |              |          |          | $\dashv$        |
|       | 100  |              | <u> </u>                       |              |   |          |              |          | $\vdash$ | $\dashv$        |
|       | 106<br>107<br>108                                    | _            | $\vdash$                       | $\vdash$     |   | _        | -            |          | -        | -               |
|       | 109  |              | _                              | Н            |   |          | $\vdash$     | _        | Н        | Н               |
|       | 110  | _            |                                | Г            |   | П        | $\vdash$     |          |          | М               |
|       | 111  |              |                                |              |   |          |              |          |          | П               |
|       | 109<br>110<br>111<br>112<br>113                      |              |                                |              |   |          |              |          |          |                 |
|       | 113  |              |                                |              |   |          |              |          |          |                 |
|       | 114  |              |                                | _            |   |          |              |          |          | Ш               |
|       | 114<br>115<br>116                                    | ļ            |                                | <u> </u>     | _   | <u> </u> | <u> </u>     | <u> </u> | <u> </u> | Н               |
|       | 116  | _            | <u> </u>                       | <del> </del> |   | <u> </u> |              |          | $\vdash$ | Н               |
|       | 117  |              | <del> </del>                   | <del> </del> | _   | _        | _            | -        | $\vdash$ | $\vdash \vdash$ |
|       | 110  |              | ├                              | $\vdash$     | -   |          |              | ⊢        | ┢        | Н               |
|       | 118<br>119<br>120<br>121                             | -            | ┢                              | -            |   |          |              | -        | ┝        | H               |
|       | 121  | ┢            | ┢                              | ┢            | -   |          | $\vdash$     | $\vdash$ | $\vdash$ | Н               |
|       | 122  | -            |                                | Ι.           |   |          |              |          | _        |                 |
|       | 123  |              |                                | Ė            |   |          | <b>-</b>     | _        | <u> </u> | П               |
|       | 124  |              |                                | Г            |   |          |              |          |          |                 |
|       | 125  |              |                                |              |   |          | L            |          |          |                 |
|       | 122<br>123<br>124<br>125<br>126<br>127<br>128<br>129 | _            |                                | L            |   |          |              |          |          | Ш               |
|       | 127  | _            | _                              | <u> </u>     | _   | <u> </u> | _            |          | <u> </u> | Ш               |
|       | 128  |              |                                | _            |   | _        | _            |          |          | Ш               |
|       | 129  | ┝            | -                              | ┢            | H   | ┝        | ⊢            | -        | ┢        | $\vdash$        |
|       | 130<br>131<br>132                                    | ⊢            |                                | ⊢            | ┝   | -        | <del> </del> | -        | ┢        | ${\mathbb H}$   |
|       | 132  | -            |                                | ├            | -   | -        |              |          |          | H               |
|       | 133  | $\vdash$     |                                | H            | $\vdash$  |          | $\vdash$     | $\vdash$ | 一        | H               |
| _     | 133<br>134   | $\vdash$     | -                              | Г            | ┢   |          |              | Г        | 1        | П               |
|       | 135<br>136   |              |                                |              |   |          |              |          |          |                 |
|       | 136  |              |                                |              |   |          |              |          |          |                 |
|       | 137  | _            |                                | $oxed{oxed}$ | _   |          | lacksquare   | <u> </u> | _        | Ц               |
|       | 138<br>139   |              |                                | <u> </u>     | <u> </u>  | _        |              | Ļ        | <u> </u> | Ш               |
|       | 139  | <del> </del> |                                | <b> </b>     | <del>                                      </del> | -        |              | ⊢        | _        | Н               |
|       | 140<br>141   | ⊢            | -                              | $\vdash$     | -   | -        | $\vdash$     | ├-       | $\vdash$ | Н               |
|       | 142  | $\vdash$     | $\vdash$                       | $\vdash$     | $\vdash$  | $\vdash$ | $\vdash$     | $\vdash$ | $\vdash$ | $\vdash$        |
|       | 143  | $\vdash$     | ┢                              | $\vdash$     | $\vdash$  | H        |              | $\vdash$ | $\vdash$ | H               |
|       | 144  | Н            | $\vdash$                       | $\vdash$     | $\vdash$  | $\vdash$ | Т            | $\vdash$ | 1        | Н               |
|       | 145  |              | T                              | T            | T   | Г        |              |          | İ        | П               |
|       | 146  |              |                                |              |   |          |              |          |          |                 |
|       | 147  |              |                                |              |   |          |              |          |          |                 |
|       | 148  | I            |                                |              |   |          | ļ            |          |          |                 |
|       | 149  |              | $oxedsymbol{oxedsymbol{oxed}}$ |              | $oxed{\Box}$                                      | _        | L            | _        | L        | Ш               |
| L     | 150  |              |                                |              | <u> </u>  |          | L_           | <u></u>  | <u> </u> | Ш               |